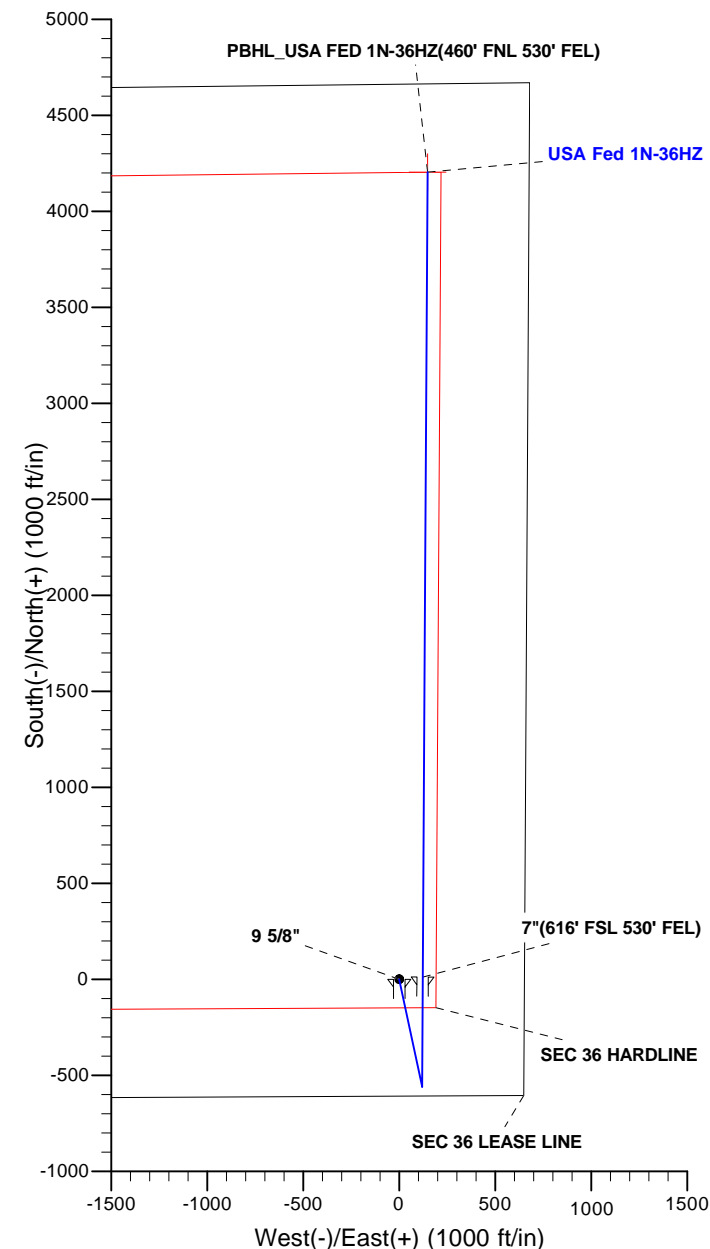
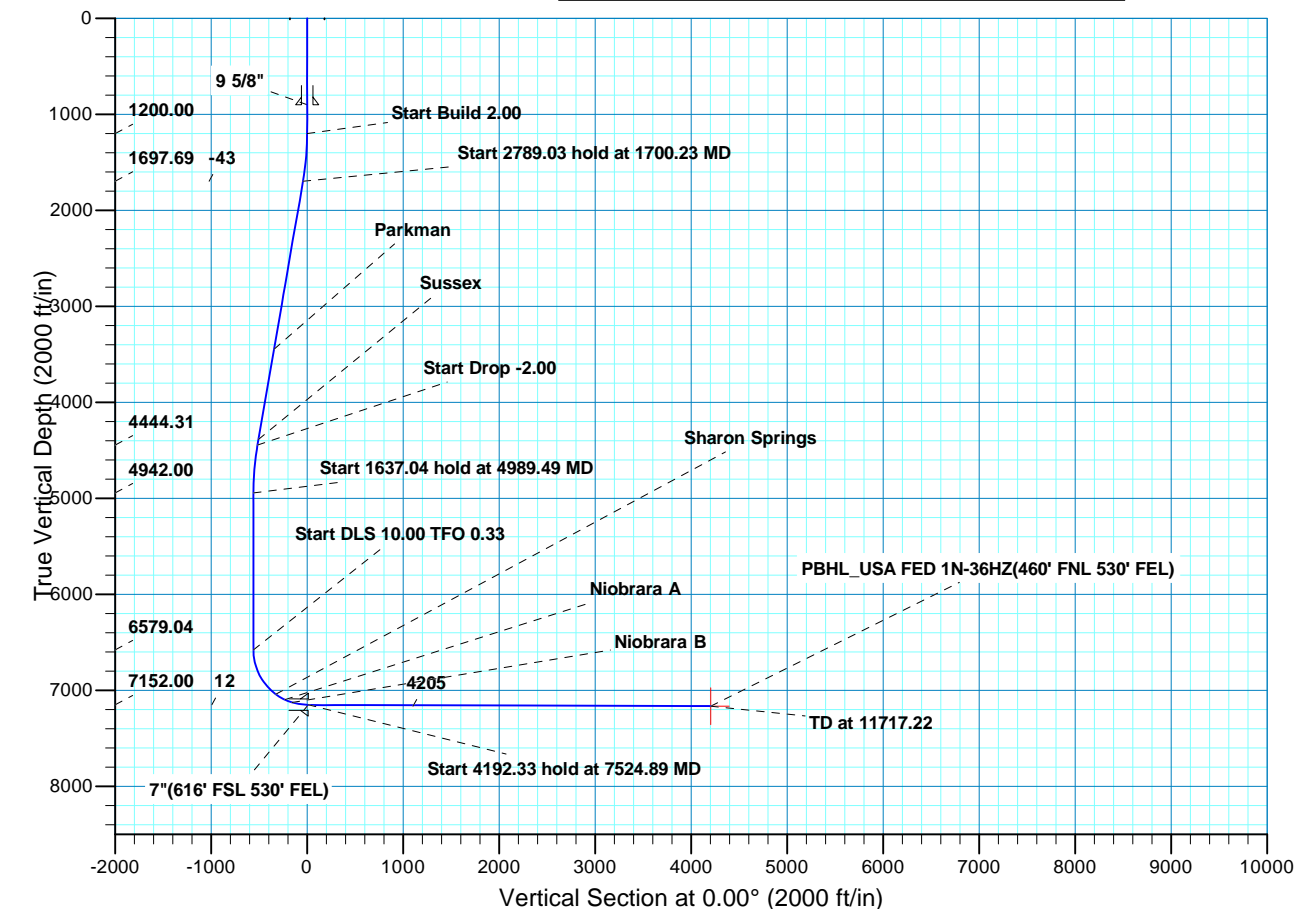


WELL DETAILS: USA Fed 1N-36HZ											
GL 4985 & KB 17 @ 5002.00ft (ASSUMED)											
+N/-S 0.00		+E/-W 0.00		Northing 1308056.82		Easting 3218463.48		Latitude 40.1763680		Longitude -104.7181690	
SECTION DETAILS											
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00			
1700.23	10.00	167.92	1697.69	-42.60	9.12	2.00	167.92	-42.60			
4489.26	10.00	167.92	4444.31	-516.40	110.50	0.00	0.00	-516.40			
4989.49	0.00	0.00	4942.00	-559.00	119.62	2.00	180.00	-559.00			
6626.53	0.00	0.00	6579.04	-559.00	119.62	0.00	0.00	-559.00			
7524.89	89.84	0.33	7152.00	12.31	122.93	10.00	0.33	12.31			
11717.22	89.84	0.33	7164.00	4204.55	147.23	0.00	0.004204.55		PBHL_USA FED 1N-36HZ(460' FNL 530' FEL)		
FORMATION TOP DETAILS							CASING DETAILS				
TVDPath	MDPath	Formation		Inc		TVD	MD	Name	Size		
3444.00	3473.50	Parkman		10.00		900.00	900.00	9 5/8"	9.625		
4386.00	4430.05	Sussex		10.00		7152.00	7524.89	7"	7.000		
7041.00	7163.86	Sharon Springs		53.73							
7097.00	7273.43	Niobrara A		64.69							
7126.00	7353.27	Niobrara B		72.67							





Scientific Drilling

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

USA FED 16-36-HZ PAD

USA Fed 1N-36HZ

OH

Plan: PLAN #2

Standard Planning Report

13 May, 2013

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well USA Fed 1N-36HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Site:	USA FED 16-36-HZ PAD	North Reference:	True
Well:	USA Fed 1N-36HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Project	COLORADO NORTHERN ZONE - 83, KERR MCGEE OIL & GAS ONSHORE LP		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site						USA FED 16-36-HZ PAD, SECTION 36 T3B R66W											
Site Position:			Northing:			1,308,056.82 usft			Latitude:			40.1763680					
From:			Lat/Long			Easting:			3,218,463.48 usft			Longitude:			-104.7181690		
Position Uncertainty:			0.00 ft			Slot Radius:			13.200 in			Grid Convergence:			0.51		

Well	USA Fed 1N-36HZ, 608' FSL 653' FEL					
Well Position	+N/-S	0.00 ft	Northing:	1,308,056.82 usft	Latitude:	40.1763680
	+E/-W	0.00 ft	Easting:	3,218,463.48 usft	Longitude:	-104.7181690
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	4,985.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	2013/05/07	8.62	66.79	52,719

Design	PLAN #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	0.00

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.23	10.00	167.92	1,697.69	-42.60	9.12	2.00	2.00	0.00	167.92	
4,489.26	10.00	167.92	4,444.31	-516.40	110.50	0.00	0.00	0.00	0.00	
4,989.49	0.00	0.00	4,942.00	-559.00	119.62	2.00	-2.00	0.00	180.00	
6,626.53	0.00	0.00	6,579.04	-559.00	119.62	0.00	0.00	0.00	0.00	
7,524.89	89.84	0.33	7,152.00	12.31	122.93	10.00	10.00	0.04	0.33	
11,717.22	89.84	0.33	7,164.00	4,204.55	147.23	0.00	0.00	0.00	0.00	PBHL_USA FED 1N-36

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well USA Fed 1N-36HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Site:	USA FED 16-36-HZ PAD	North Reference:	True
Well:	USA Fed 1N-36HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
1,300.00	2.00	167.92	1,299.98	-1.71	0.37	-1.71	2.00	2.00	0.00
1,400.00	4.00	167.92	1,399.84	-6.82	1.46	-6.82	2.00	2.00	0.00
1,500.00	6.00	167.92	1,499.45	-15.35	3.28	-15.35	2.00	2.00	0.00
1,600.00	8.00	167.92	1,598.70	-27.26	5.83	-27.26	2.00	2.00	0.00
1,700.00	10.00	167.92	1,697.47	-42.56	9.11	-42.56	2.00	2.00	0.00
1,700.23	10.00	167.92	1,697.69	-42.60	9.12	-42.60	2.00	2.00	0.00
Start 2789.03 hold at 1700.23 MD									
1,800.00	10.00	167.92	1,795.94	-59.55	12.74	-59.55	0.00	0.00	0.00
1,900.00	10.00	167.92	1,894.42	-76.54	16.38	-76.54	0.00	0.00	0.00
2,000.00	10.00	167.92	1,992.90	-93.52	20.01	-93.52	0.00	0.00	0.00
2,100.00	10.00	167.92	2,091.38	-110.51	23.65	-110.51	0.00	0.00	0.00
2,200.00	10.00	167.92	2,189.86	-127.50	27.28	-127.50	0.00	0.00	0.00
2,300.00	10.00	167.92	2,288.34	-144.49	30.92	-144.49	0.00	0.00	0.00
2,400.00	10.00	167.92	2,386.82	-161.48	34.55	-161.48	0.00	0.00	0.00
2,500.00	10.00	167.92	2,485.30	-178.46	38.19	-178.46	0.00	0.00	0.00
2,600.00	10.00	167.92	2,583.78	-195.45	41.82	-195.45	0.00	0.00	0.00
2,700.00	10.00	167.92	2,682.26	-212.44	45.46	-212.44	0.00	0.00	0.00
2,800.00	10.00	167.92	2,780.74	-229.43	49.10	-229.43	0.00	0.00	0.00
2,900.00	10.00	167.92	2,879.22	-246.42	52.73	-246.42	0.00	0.00	0.00
3,000.00	10.00	167.92	2,977.70	-263.40	56.37	-263.40	0.00	0.00	0.00
3,100.00	10.00	167.92	3,076.18	-280.39	60.00	-280.39	0.00	0.00	0.00
3,200.00	10.00	167.92	3,174.66	-297.38	63.64	-297.38	0.00	0.00	0.00
3,300.00	10.00	167.92	3,273.14	-314.37	67.27	-314.37	0.00	0.00	0.00
3,400.00	10.00	167.92	3,371.61	-331.36	70.91	-331.36	0.00	0.00	0.00
3,473.50	10.00	167.92	3,444.00	-343.84	73.58	-343.84	0.00	0.00	0.00
Parkman									
3,500.00	10.00	167.92	3,470.09	-348.35	74.54	-348.35	0.00	0.00	0.00
3,600.00	10.00	167.92	3,568.57	-365.33	78.18	-365.33	0.00	0.00	0.00
3,700.00	10.00	167.92	3,667.05	-382.32	81.81	-382.32	0.00	0.00	0.00
3,800.00	10.00	167.92	3,765.53	-399.31	85.45	-399.31	0.00	0.00	0.00
3,900.00	10.00	167.92	3,864.01	-416.30	89.08	-416.30	0.00	0.00	0.00
4,000.00	10.00	167.92	3,962.49	-433.29	92.72	-433.29	0.00	0.00	0.00
4,100.00	10.00	167.92	4,060.97	-450.27	96.35	-450.27	0.00	0.00	0.00
4,200.00	10.00	167.92	4,159.45	-467.26	99.99	-467.26	0.00	0.00	0.00
4,300.00	10.00	167.92	4,257.93	-484.25	103.62	-484.25	0.00	0.00	0.00
4,400.00	10.00	167.92	4,356.41	-501.24	107.26	-501.24	0.00	0.00	0.00
4,430.05	10.00	167.92	4,386.00	-506.34	108.35	-506.34	0.00	0.00	0.00
Sussex									
4,489.26	10.00	167.92	4,444.31	-516.40	110.50	-516.40	0.00	0.00	0.00

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well USA Fed 1N-36HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Site:	USA FED 16-36-HZ PAD	North Reference:	True
Well:	USA Fed 1N-36HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start Drop -2.00									
4,500.00	9.79	167.92	4,454.89	-518.21	110.89	-518.21	2.00	-2.00	0.00
4,600.00	7.79	167.92	4,553.71	-533.15	114.09	-533.15	2.00	-2.00	0.00
4,700.00	5.79	167.92	4,653.01	-544.71	116.56	-544.71	2.00	-2.00	0.00
4,800.00	3.79	167.92	4,752.65	-552.87	118.31	-552.87	2.00	-2.00	0.00
4,900.00	1.79	167.92	4,852.53	-557.63	119.33	-557.63	2.00	-2.00	0.00
4,989.49	0.00	0.00	4,942.00	-559.00	119.62	-559.00	2.00	-2.00	0.00
Start 1637.04 hold at 4989.49 MD									
5,000.00	0.00	0.00	4,952.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,052.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,152.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,252.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,352.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,452.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,552.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,652.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,752.51	-559.00	119.62	-559.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,852.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,000.00	0.00	0.00	5,952.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,052.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,152.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,252.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,352.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,452.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,552.51	-559.00	119.62	-559.00	0.00	0.00	0.00
6,626.53	0.00	0.00	6,579.04	-559.00	119.62	-559.00	0.00	0.00	0.00
Start DLS 10.00 TFO 0.33									
6,700.00	7.35	0.33	6,652.31	-554.30	119.65	-554.30	10.00	10.00	0.00
6,800.00	17.35	0.33	6,749.88	-532.94	119.77	-532.94	10.00	10.00	0.00
6,900.00	27.35	0.33	6,842.25	-494.97	119.99	-494.97	10.00	10.00	0.00
7,000.00	37.35	0.33	6,926.62	-441.53	120.30	-441.53	10.00	10.00	0.00
7,100.00	47.35	0.33	7,000.44	-374.25	120.69	-374.25	10.00	10.00	0.00
7,163.86	53.73	0.33	7,041.00	-324.98	120.98	-324.98	10.00	10.00	0.00
Sharon Springs									
7,200.00	57.35	0.33	7,061.45	-295.18	121.15	-295.18	10.00	10.00	0.00
7,273.43	64.69	0.33	7,097.00	-230.99	121.52	-230.99	10.00	10.00	0.00
Niobrara A									
7,300.00	67.35	0.33	7,107.80	-206.72	121.66	-206.72	10.00	10.00	0.00
7,353.27	72.67	0.33	7,126.00	-156.68	121.95	-156.68	10.00	10.00	0.00
Niobrara B									
7,400.00	77.35	0.33	7,138.08	-111.55	122.21	-111.55	10.00	10.00	0.00
7,500.00	87.35	0.33	7,151.38	-12.57	122.79	-12.57	10.00	10.00	0.00
7,524.89	89.84	0.33	7,152.00	12.31	122.93	12.31	10.00	10.00	0.00
Start 4192.33 hold at 7524.89 MD - 7"(616' FSL 530' FEL)									
7,600.00	89.84	0.33	7,152.21	87.42	123.37	87.42	0.00	0.00	0.00
7,700.00	89.84	0.33	7,152.50	187.42	123.95	187.42	0.00	0.00	0.00
7,800.00	89.84	0.33	7,152.78	287.42	124.53	287.42	0.00	0.00	0.00
7,900.00	89.84	0.33	7,153.07	387.41	125.11	387.41	0.00	0.00	0.00
8,000.00	89.84	0.33	7,153.36	487.41	125.69	487.41	0.00	0.00	0.00
8,100.00	89.84	0.33	7,153.64	587.41	126.27	587.41	0.00	0.00	0.00
8,200.00	89.84	0.33	7,153.93	687.41	126.85	687.41	0.00	0.00	0.00
8,300.00	89.84	0.33	7,154.22	787.41	127.43	787.41	0.00	0.00	0.00
8,400.00	89.84	0.33	7,154.50	887.40	128.00	887.40	0.00	0.00	0.00

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well USA Fed 1N-36HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Site:	USA FED 16-36-HZ PAD	North Reference:	True
Well:	USA Fed 1N-36HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,500.00	89.84	0.33	7,154.79	987.40	128.58	987.40	0.00	0.00	0.00
8,600.00	89.84	0.33	7,155.07	1,087.40	129.16	1,087.40	0.00	0.00	0.00
8,700.00	89.84	0.33	7,155.36	1,187.40	129.74	1,187.40	0.00	0.00	0.00
8,800.00	89.84	0.33	7,155.65	1,287.39	130.32	1,287.39	0.00	0.00	0.00
8,900.00	89.84	0.33	7,155.93	1,387.39	130.90	1,387.39	0.00	0.00	0.00
9,000.00	89.84	0.33	7,156.22	1,487.39	131.48	1,487.39	0.00	0.00	0.00
9,100.00	89.84	0.33	7,156.51	1,587.39	132.06	1,587.39	0.00	0.00	0.00
9,200.00	89.84	0.33	7,156.79	1,687.39	132.64	1,687.39	0.00	0.00	0.00
9,300.00	89.84	0.33	7,157.08	1,787.38	133.22	1,787.38	0.00	0.00	0.00
9,400.00	89.84	0.33	7,157.36	1,887.38	133.80	1,887.38	0.00	0.00	0.00
9,500.00	89.84	0.33	7,157.65	1,987.38	134.38	1,987.38	0.00	0.00	0.00
9,600.00	89.84	0.33	7,157.94	2,087.38	134.96	2,087.38	0.00	0.00	0.00
9,700.00	89.84	0.33	7,158.22	2,187.38	135.54	2,187.38	0.00	0.00	0.00
9,800.00	89.84	0.33	7,158.51	2,287.37	136.12	2,287.37	0.00	0.00	0.00
9,900.00	89.84	0.33	7,158.80	2,387.37	136.70	2,387.37	0.00	0.00	0.00
10,000.00	89.84	0.33	7,159.08	2,487.37	137.28	2,487.37	0.00	0.00	0.00
10,100.00	89.84	0.33	7,159.37	2,587.37	137.86	2,587.37	0.00	0.00	0.00
10,200.00	89.84	0.33	7,159.66	2,687.37	138.44	2,687.37	0.00	0.00	0.00
10,300.00	89.84	0.33	7,159.94	2,787.36	139.02	2,787.36	0.00	0.00	0.00
10,400.00	89.84	0.33	7,160.23	2,887.36	139.60	2,887.36	0.00	0.00	0.00
10,500.00	89.84	0.33	7,160.51	2,987.36	140.18	2,987.36	0.00	0.00	0.00
10,600.00	89.84	0.33	7,160.80	3,087.36	140.76	3,087.36	0.00	0.00	0.00
10,700.00	89.84	0.33	7,161.09	3,187.36	141.34	3,187.36	0.00	0.00	0.00
10,800.00	89.84	0.33	7,161.37	3,287.35	141.92	3,287.35	0.00	0.00	0.00
10,900.00	89.84	0.33	7,161.66	3,387.35	142.50	3,387.35	0.00	0.00	0.00
11,000.00	89.84	0.33	7,161.95	3,487.35	143.08	3,487.35	0.00	0.00	0.00
11,100.00	89.84	0.33	7,162.23	3,587.35	143.66	3,587.35	0.00	0.00	0.00
11,200.00	89.84	0.33	7,162.52	3,687.34	144.24	3,687.34	0.00	0.00	0.00
11,300.00	89.84	0.33	7,162.81	3,787.34	144.82	3,787.34	0.00	0.00	0.00
11,400.00	89.84	0.33	7,163.09	3,887.34	145.40	3,887.34	0.00	0.00	0.00
11,500.00	89.84	0.33	7,163.38	3,987.34	145.98	3,987.34	0.00	0.00	0.00
11,600.00	89.84	0.33	7,163.66	4,087.34	146.55	4,087.34	0.00	0.00	0.00
11,700.00	89.84	0.33	7,163.95	4,187.33	147.13	4,187.33	0.00	0.00	0.00
11,717.22	89.84	0.33	7,164.00	4,204.55	147.23	4,204.55	0.00	0.00	0.00
TD at 11717.22 - PBHL_USA FED 1N-36HZ(460' FNL 530' FEL)									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL_USA FED 1N-36H	0.00	0.00	7,164.00	4,204.55	147.23	1,312,262.50	3,218,573.64	40.1879100	-104.7176420
- plan hits target center									
- Point									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)	
900.00	900.00	9 5/8"	9.625	12.250	
7,524.89	7,152.00	7"(616' FSL 530' FEL)	7.000	7.500	

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well USA Fed 1N-36HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4985 & KB 17 @ 5002.00ft (ASSUMED)
Site:	USA FED 16-36-HZ PAD	North Reference:	True
Well:	USA Fed 1N-36HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,473.50	3,444.00	Parkman				
4,430.05	4,386.00	Sussex				
7,163.86	7,041.00	Sharon Springs				
7,273.43	7,097.00	Niobrara A				
7,353.27	7,126.00	Niobrara B				

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
1,200.00	1,200.00	0.00	0.00	Start Build 2.00	
1,700.23	1,697.69	-42.60	9.12	Start 2789.03 hold at 1700.23 MD	
4,489.26	4,444.31	-516.40	110.50	Start Drop -2.00	
4,989.49	4,942.00	-559.00	119.62	Start 1637.04 hold at 4989.49 MD	
6,626.53	6,579.04	-559.00	119.62	Start DLS 10.00 TFO 0.33	
7,524.89	7,152.00	12.31	122.93	Start 4192.33 hold at 7524.89 MD	
11,717.22	7,164.00	4,204.55	147.23	TD at 11717.22	